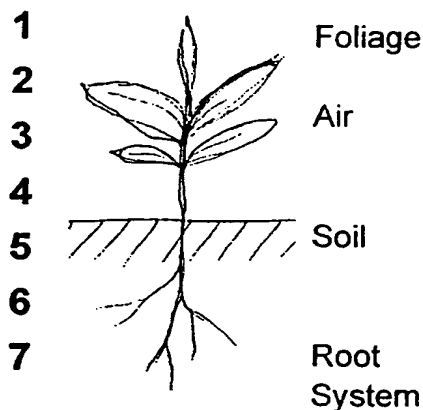


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1. Peptides growth factors are absorbed by foliage and are accessible to cut tissue opening.
2. Microflora, complexity on foliage is increased to provide an antagonistic bio film to limit fungal spread.
3. Peptides, carbohydrates, growth factors are adsorbed to sub soil particles and increase the soil cation exchange capacity.
4. Carbonates and peptides provide nutrients for multi plactions/ vitality of the microflora
5. Microflora develops soil suppressive character by natural means.
6. Immuno-stimulants including glucans attach to the root system and trigger immuno responsive cascade in the plants
7. Peptides and polysaccharides provide constant slow release of amino acids and sugars for plant root and microbial nutrition.

FIGURE 1

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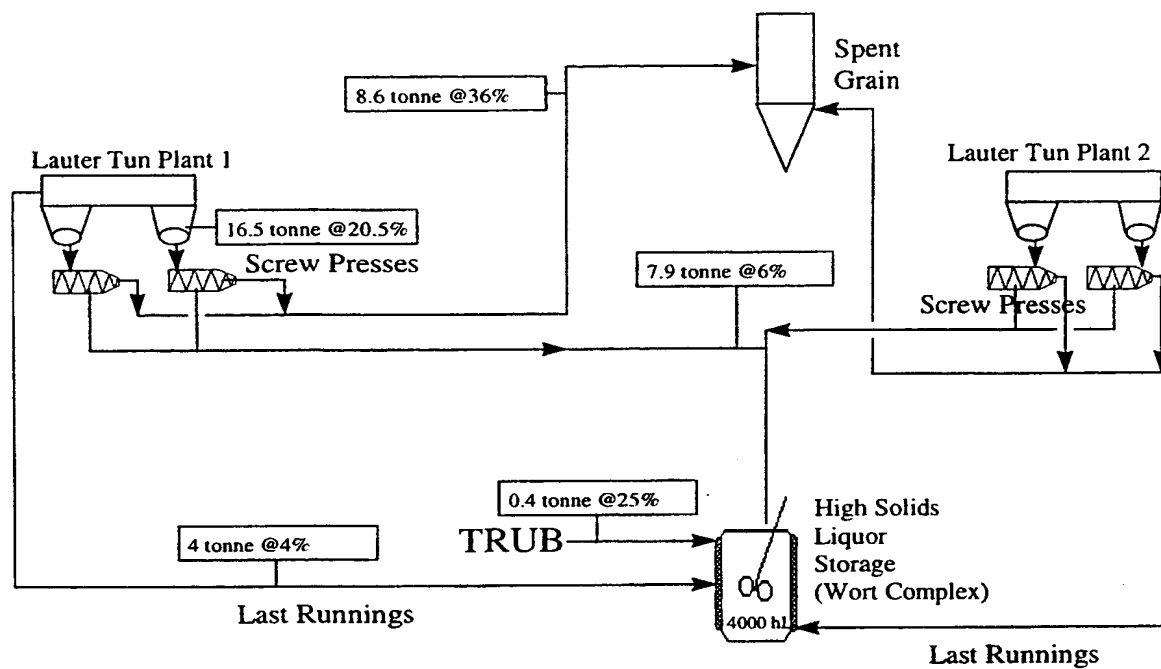


FIGURE 2

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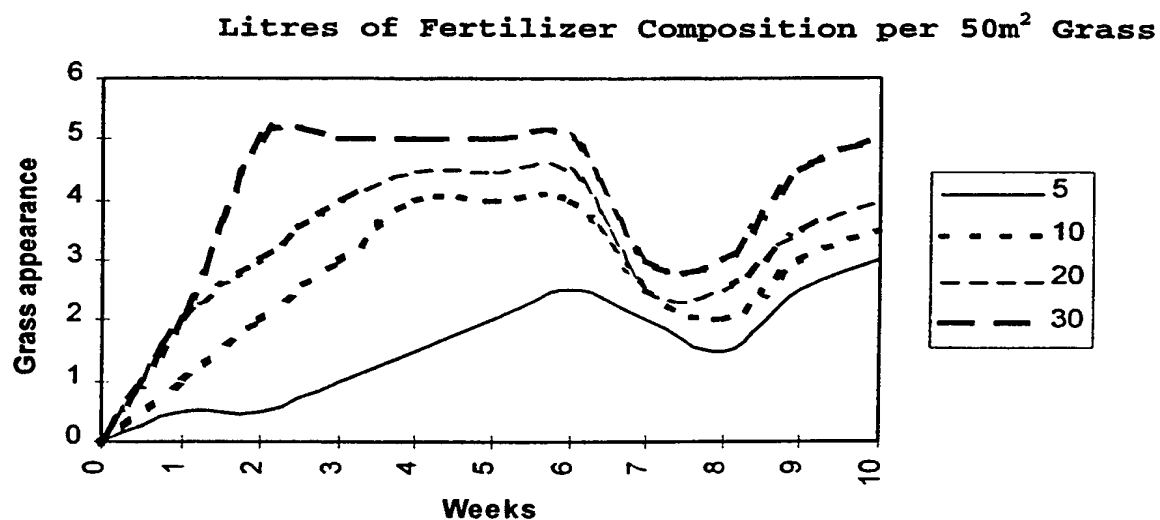


FIGURE 3

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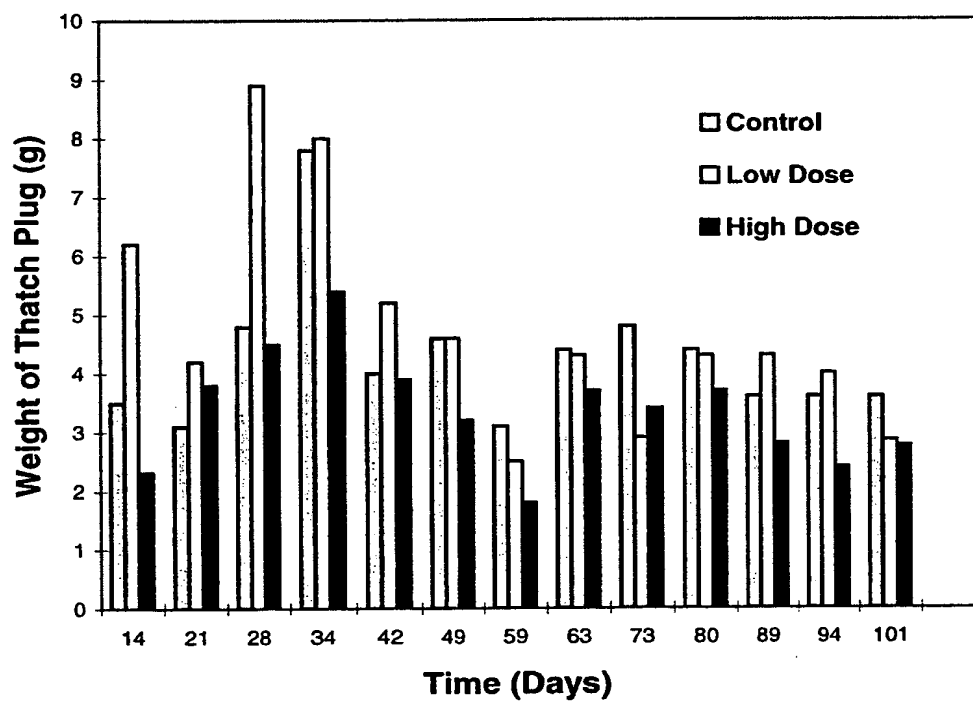


FIGURE 4a

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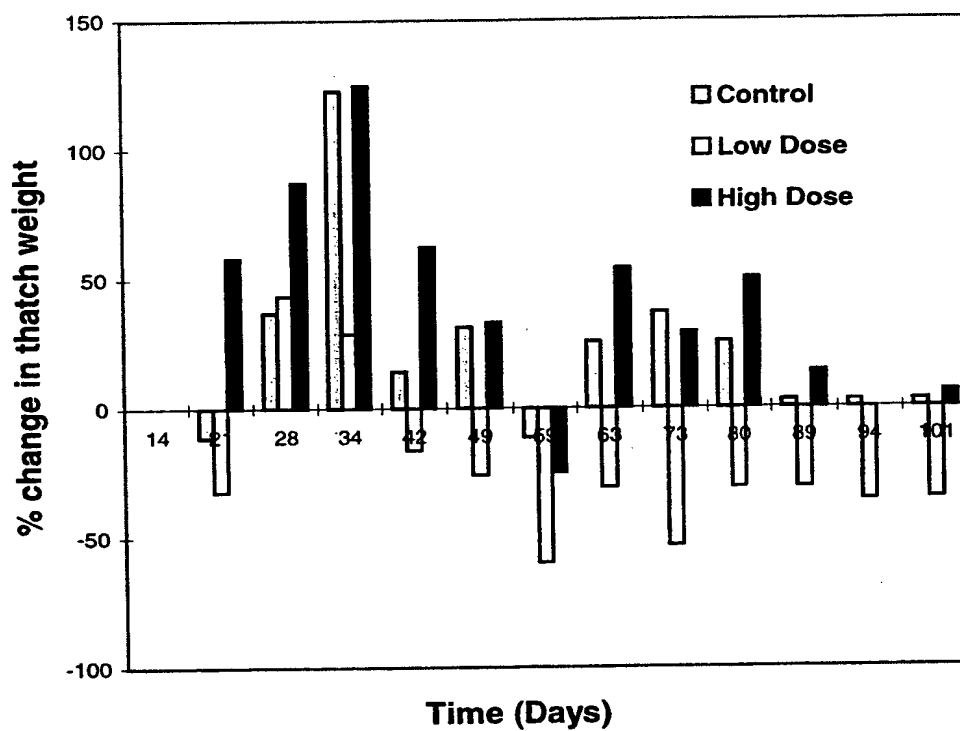


FIGURE 4b

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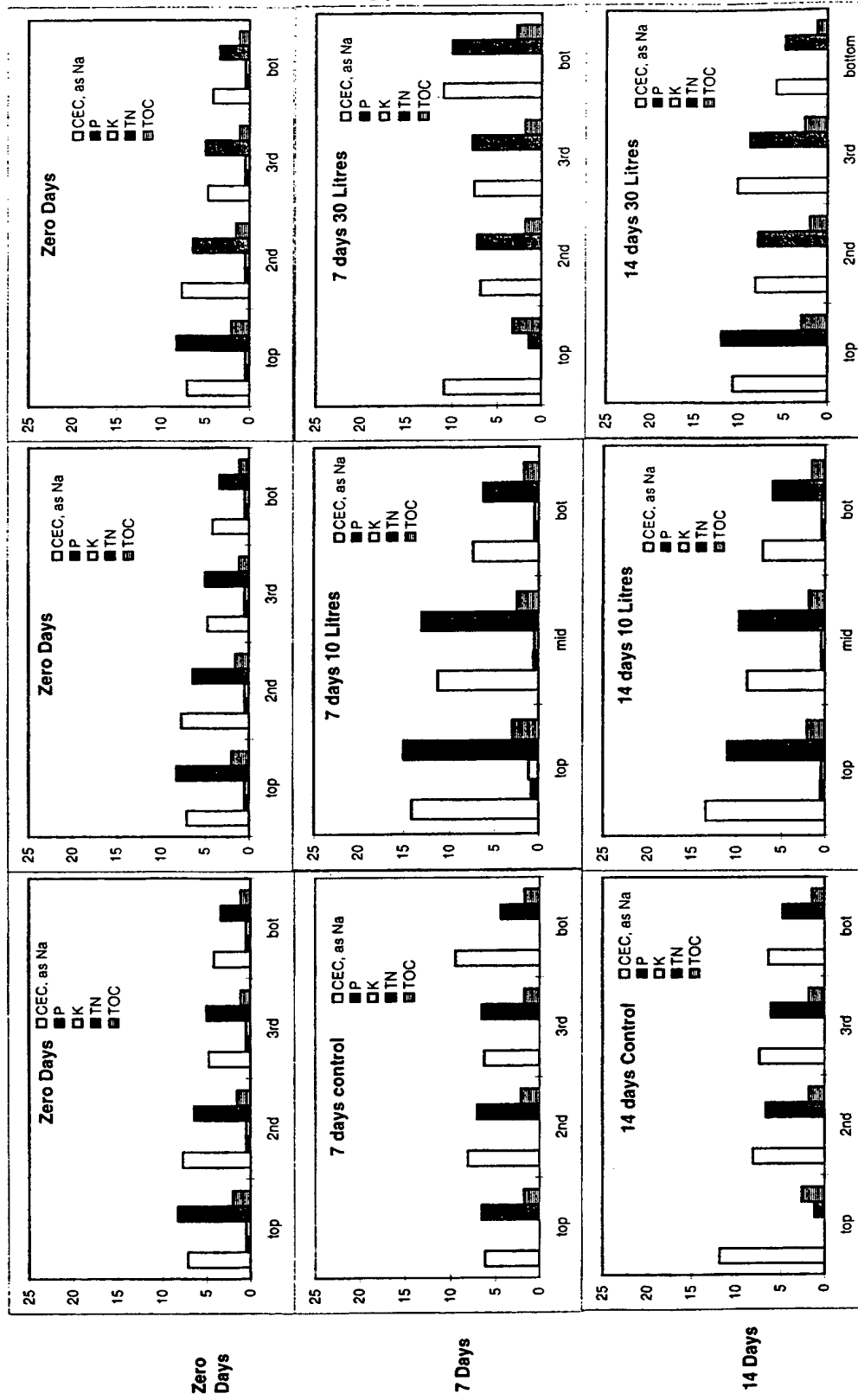


FIGURE 5

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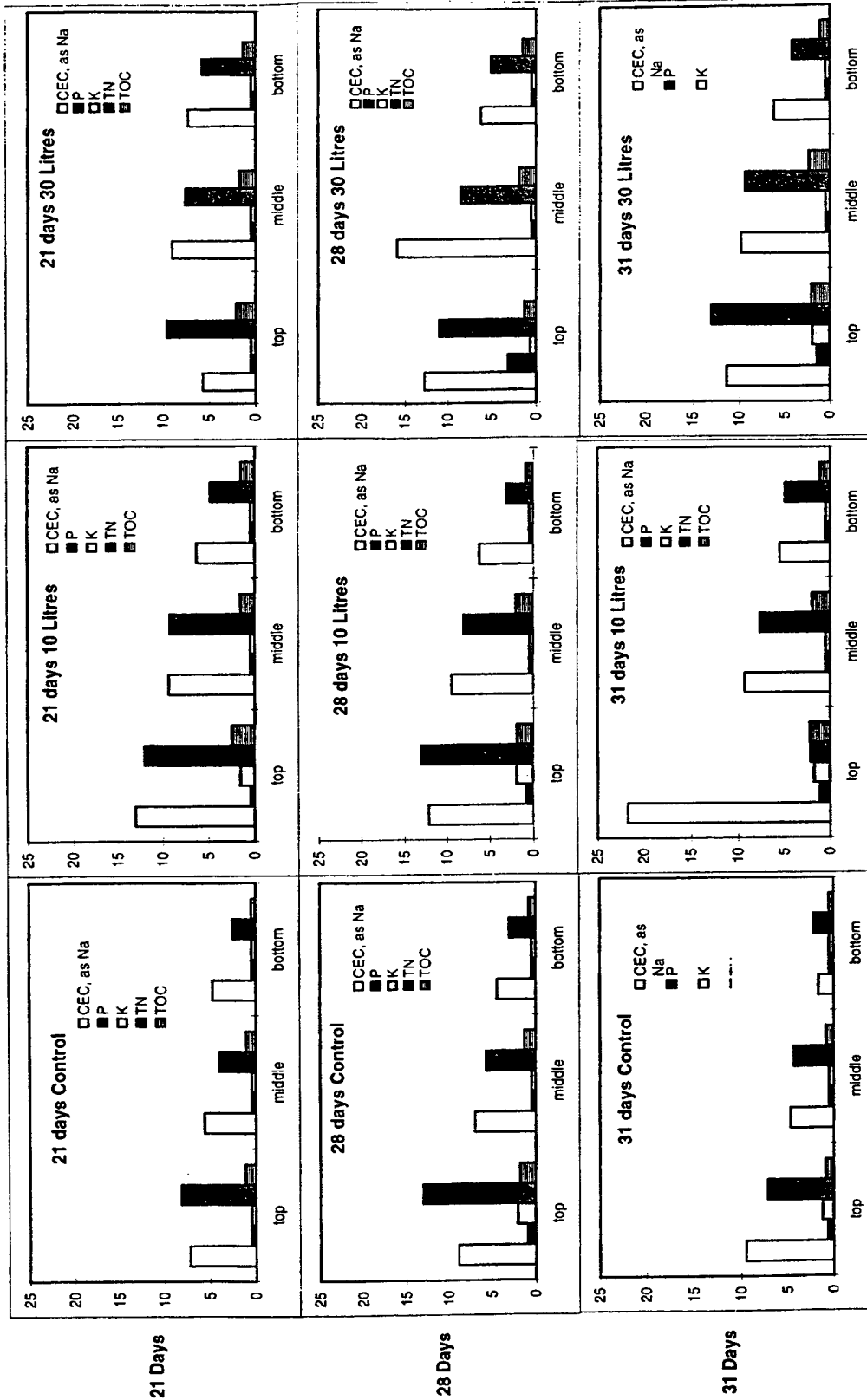


FIGURE 5 CONTINUED:

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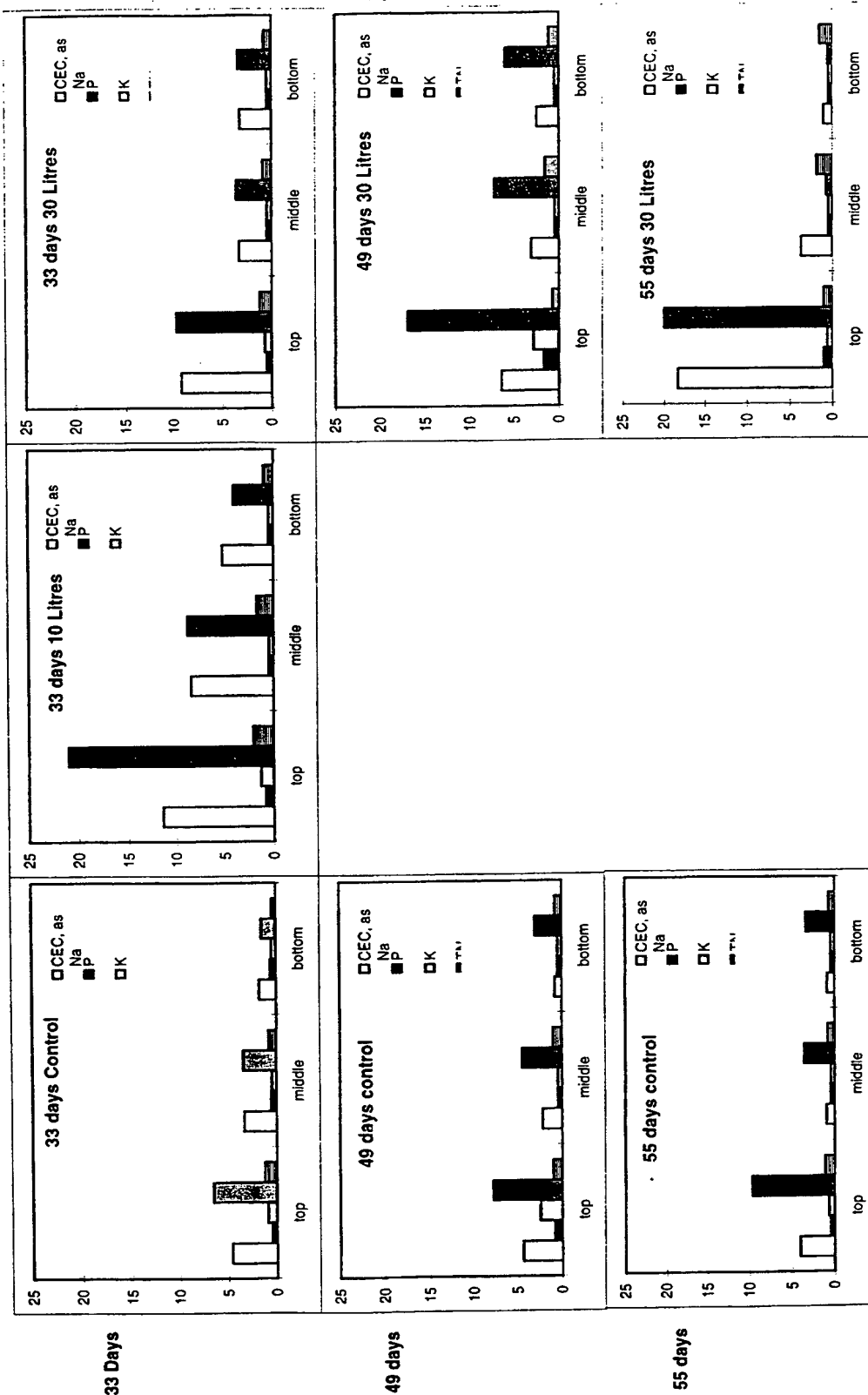


FIGURE 5 CONTINUED:

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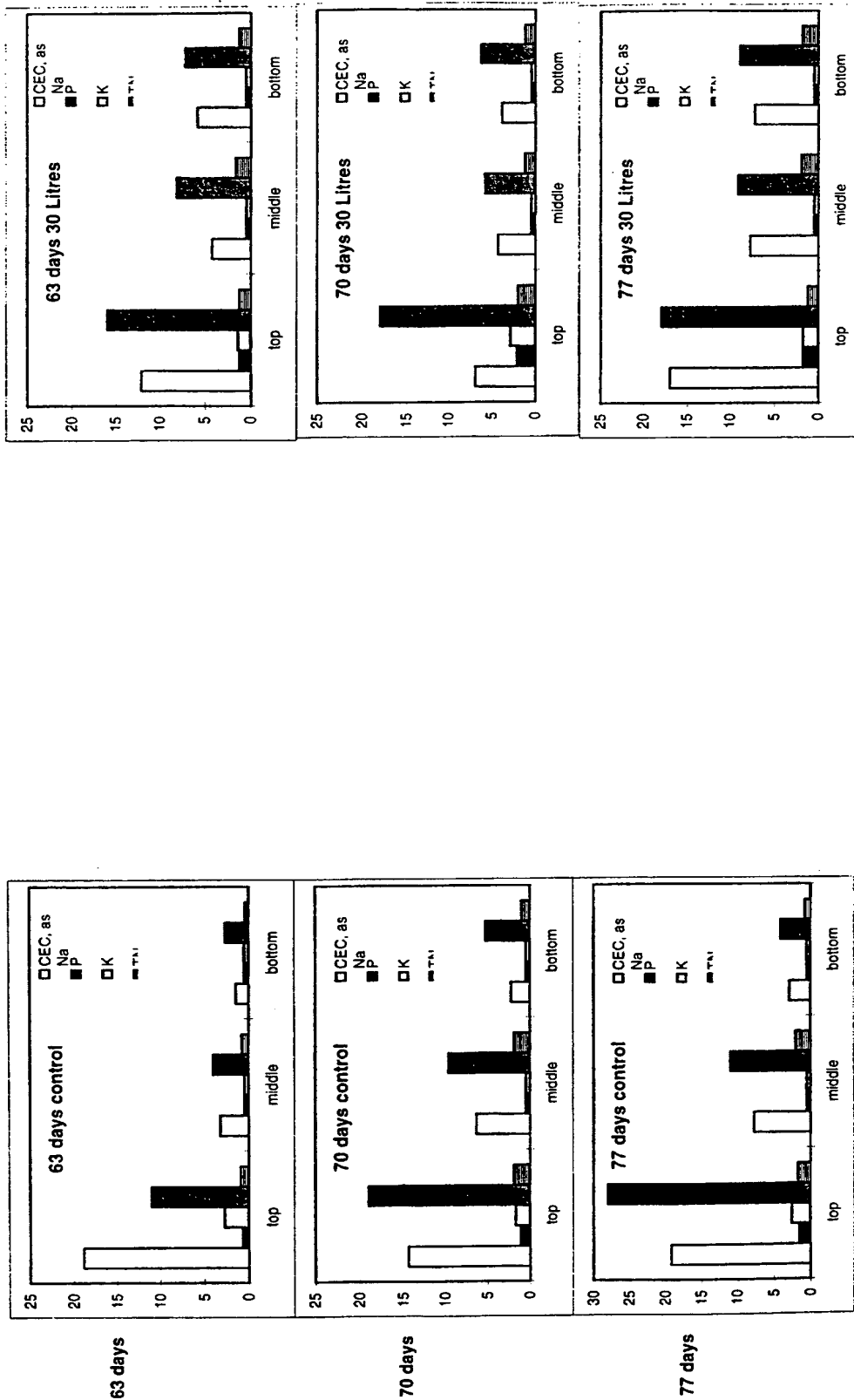
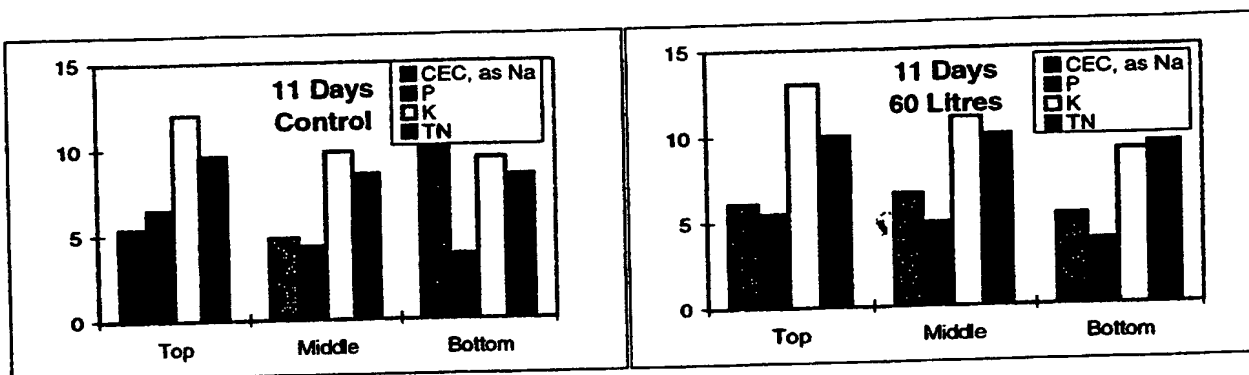


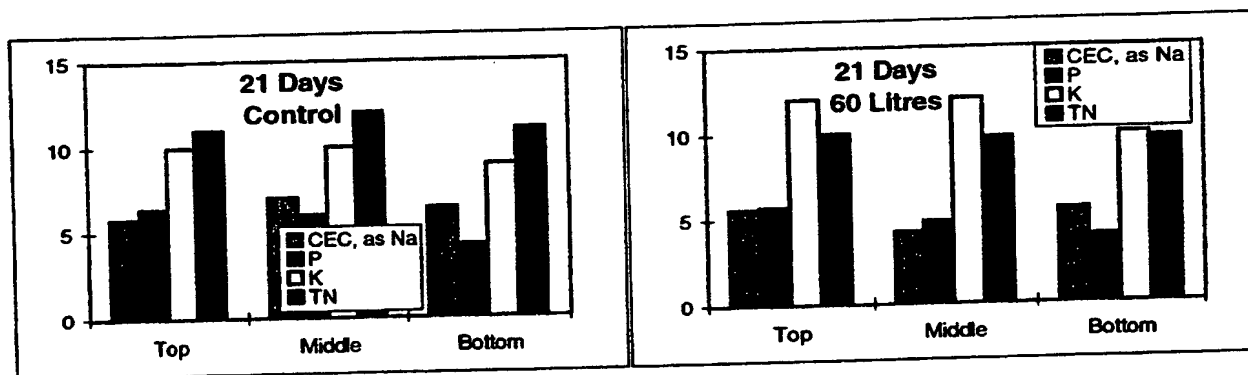
FIGURE 5 CONTINUED:

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23rd March 1999, 11 Days



1st April 1999, 21 Days



8th April 1999, 28 Days

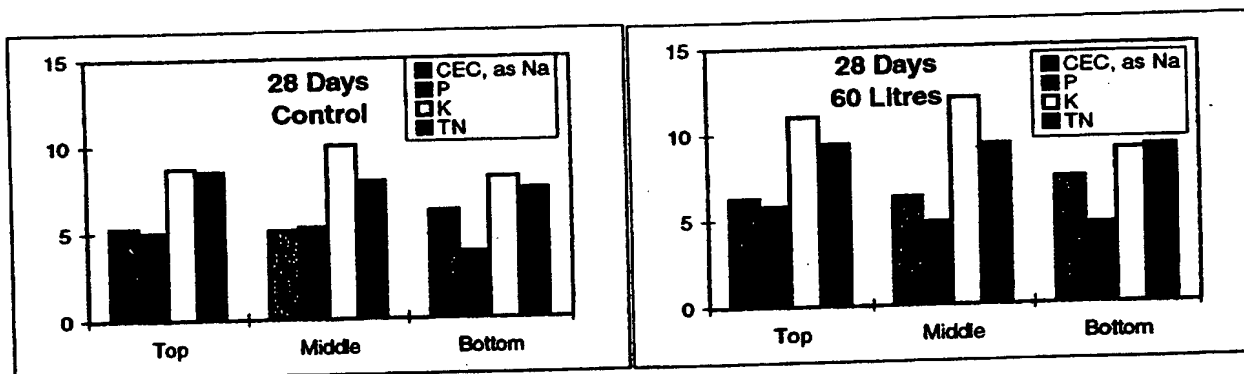
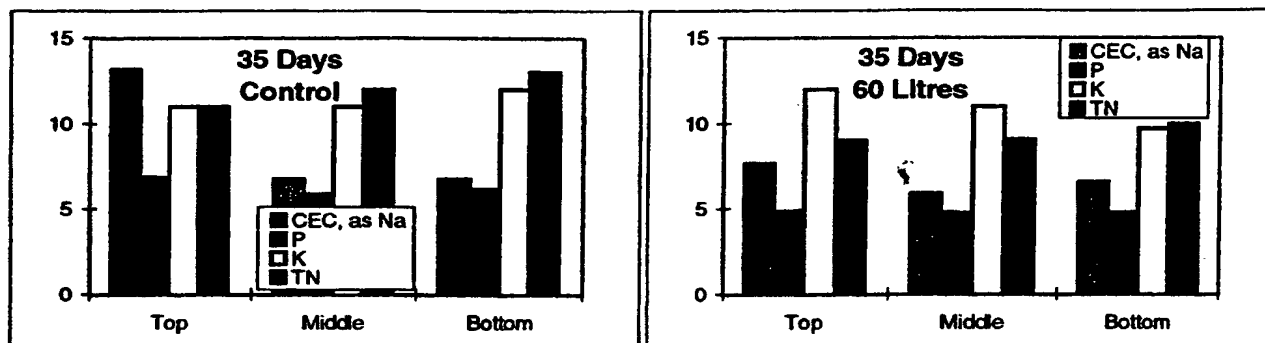


FIGURE 6

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15th April 1999, 35 Days



22nd April 1999, 42 Days

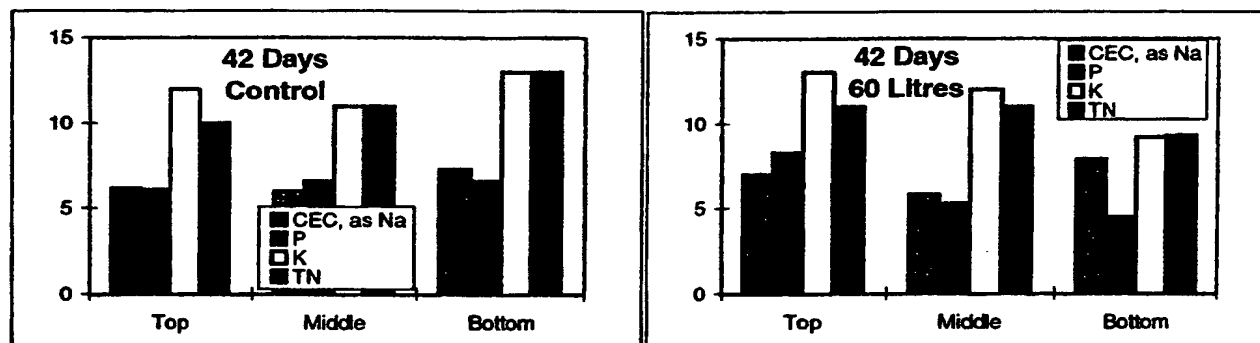
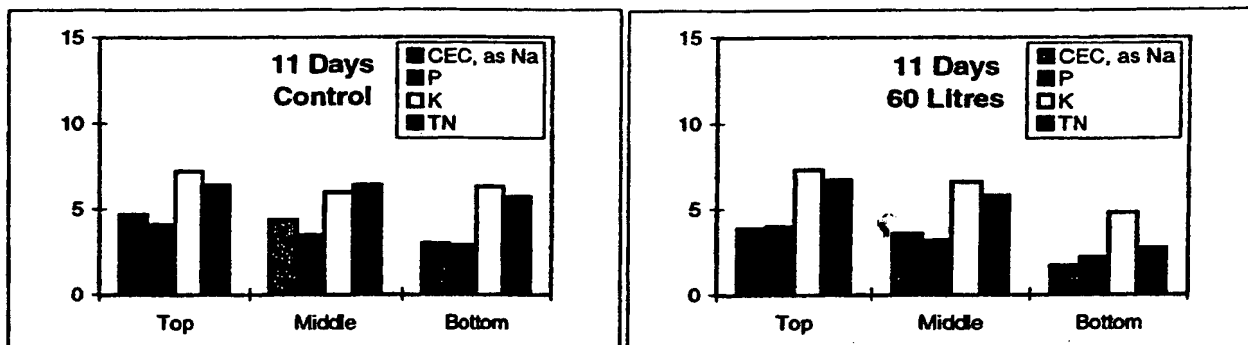


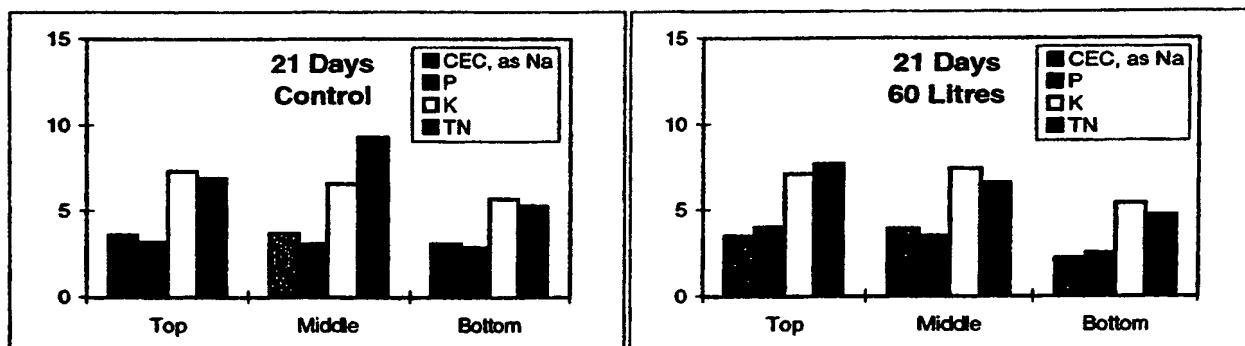
FIGURE 6 CONTINUED:

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23rd March 1999, 11 Days



1st April 1999, 21 Days



8th April 1999, 28 Days

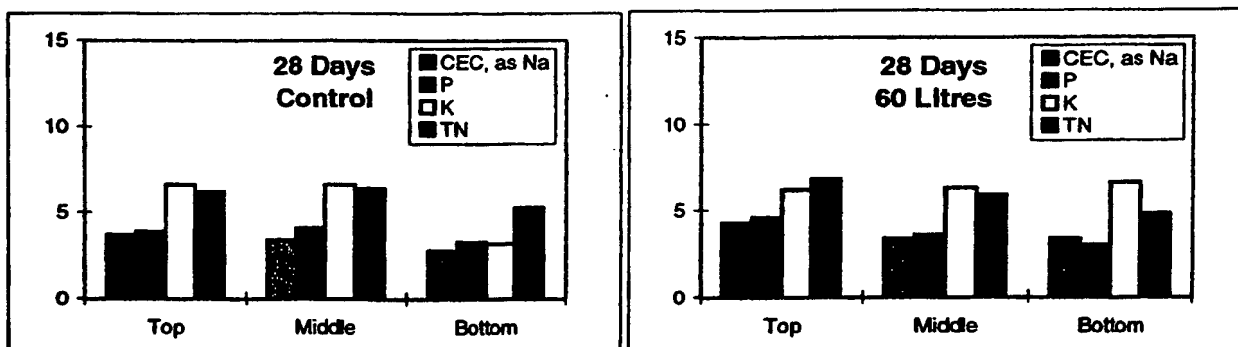
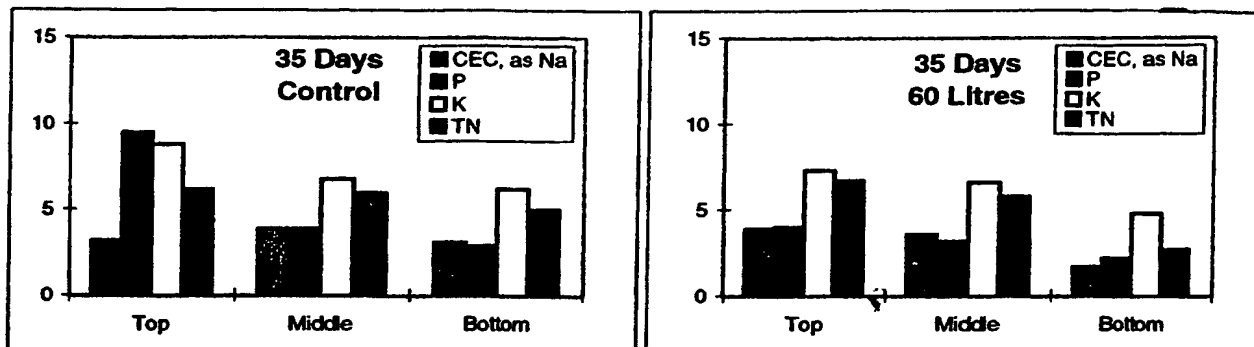


FIGURE 7

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15th April 1999, 35 Days



22nd April 1999, 42 Days

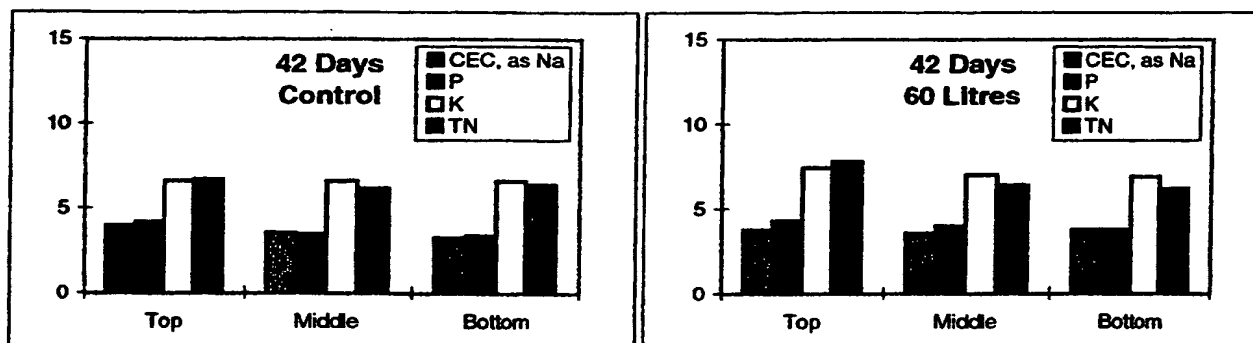


FIGURE 7 CONTINUED:

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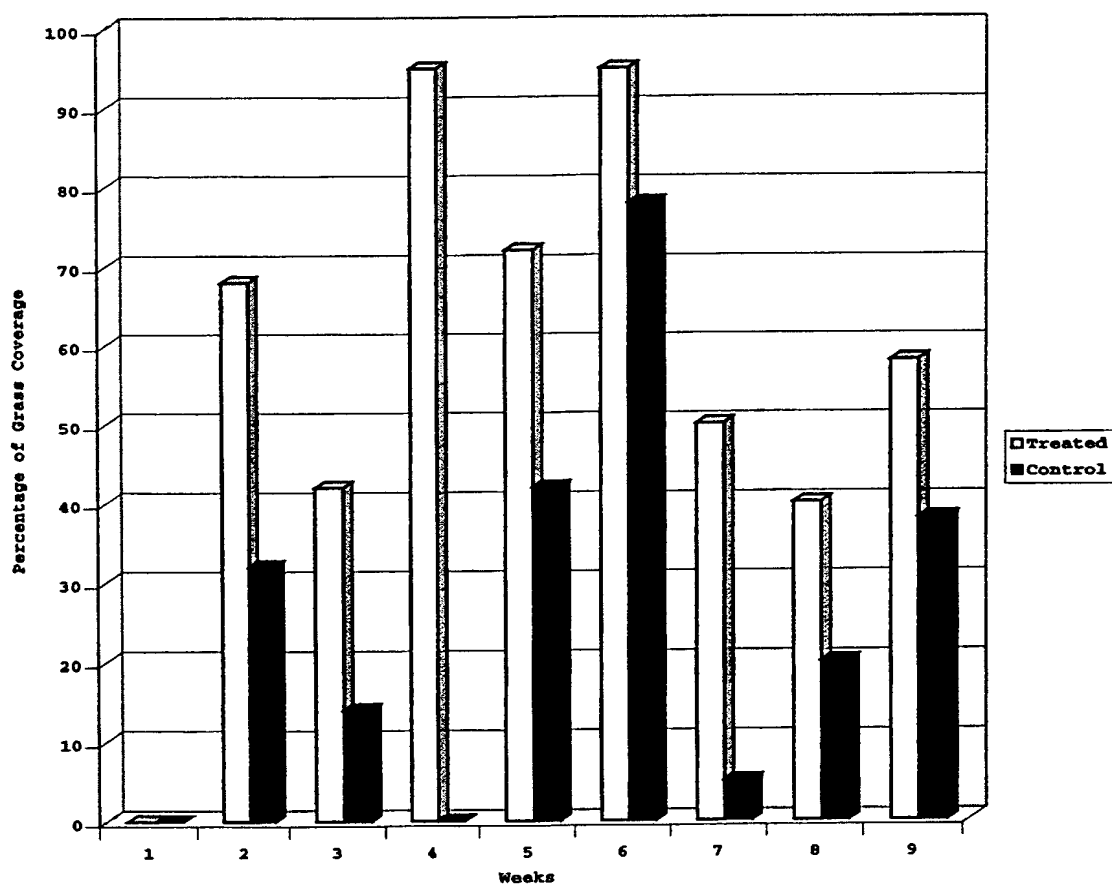


FIGURE 8

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**Weight of Washed Turf Plug
(Leaf and Roots)**

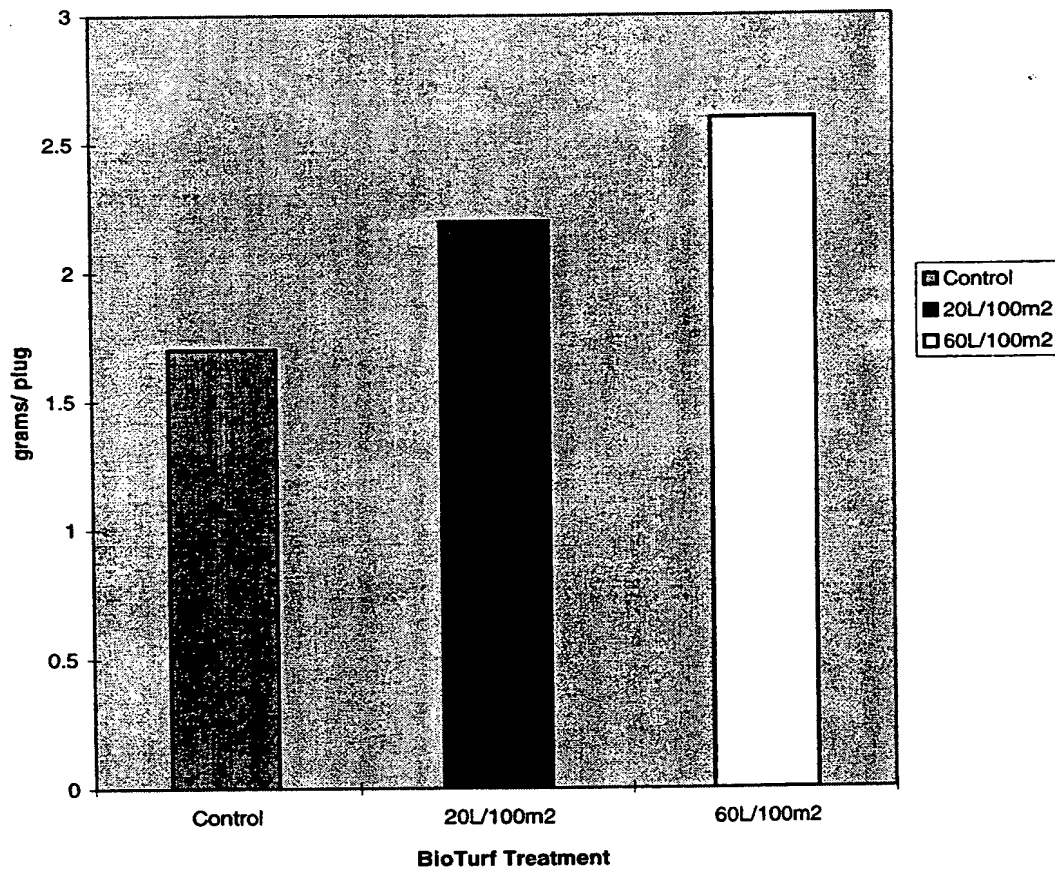


FIGURE 9

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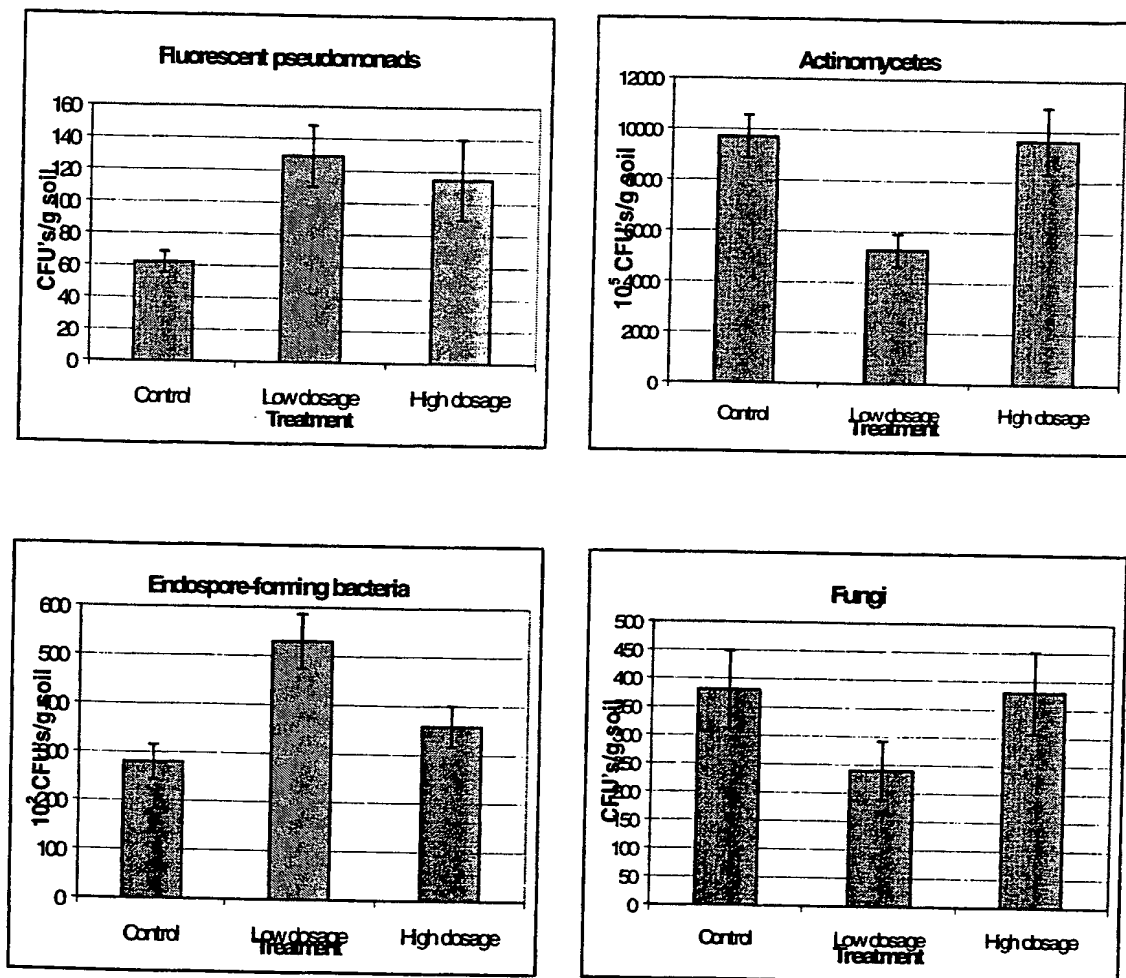


FIGURE 10

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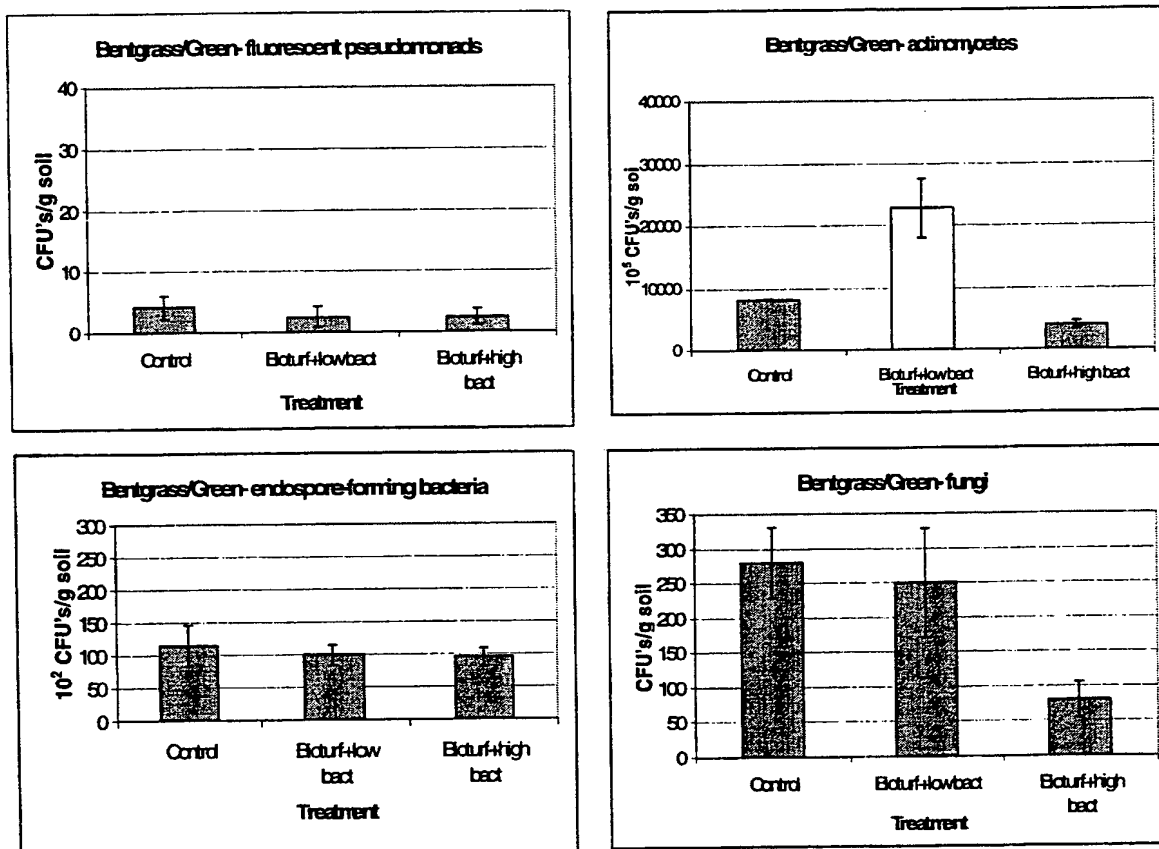
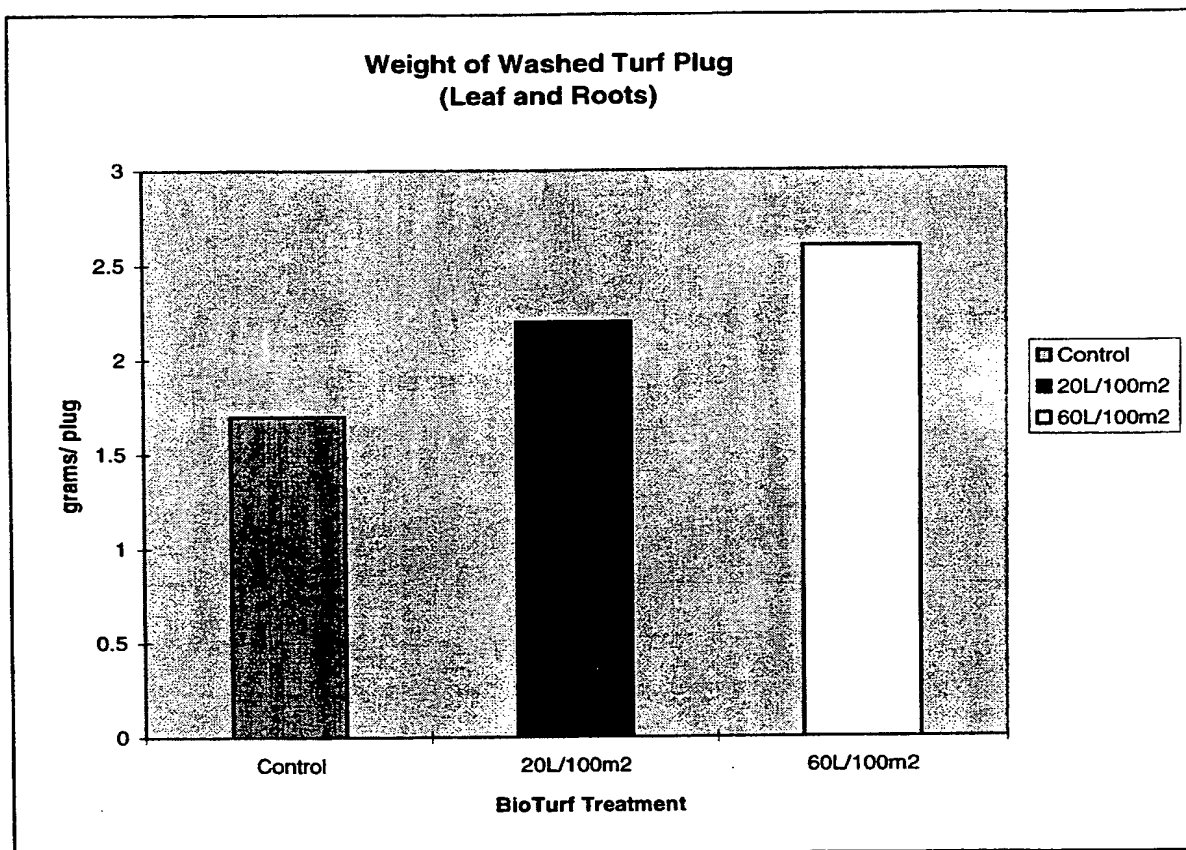


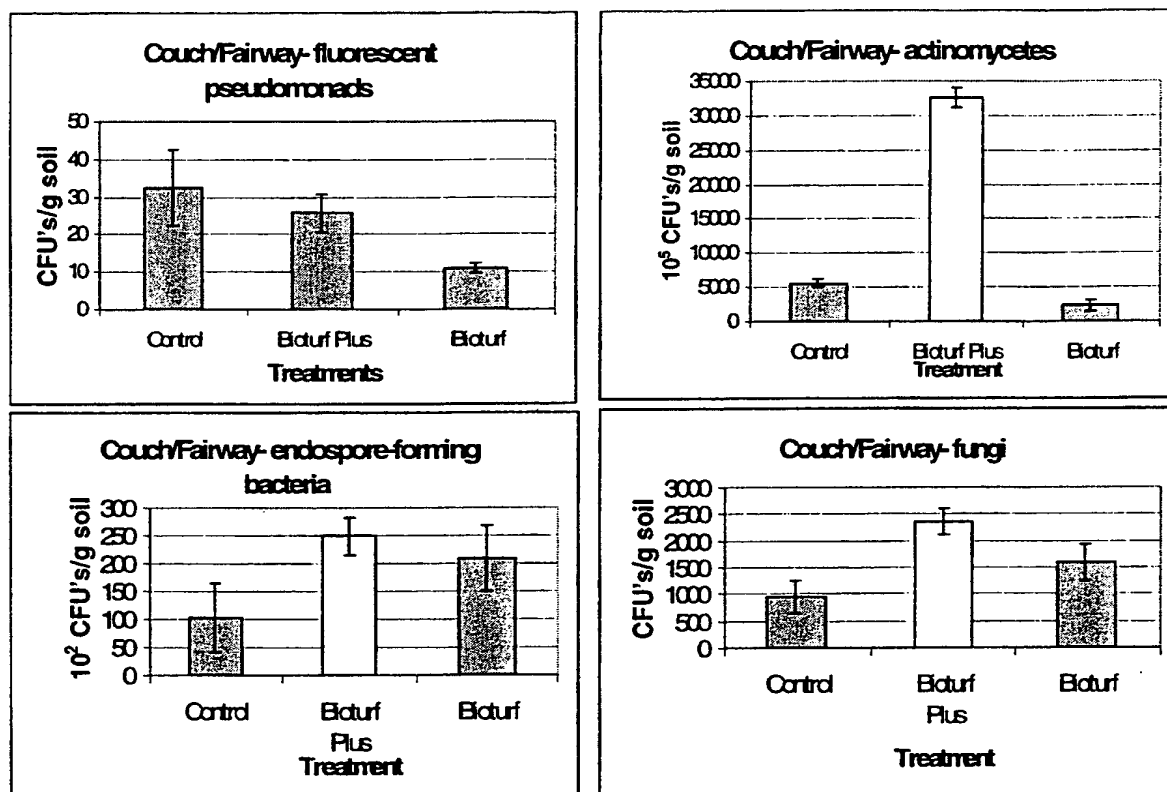
FIGURE 11

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**FIGURE 12**

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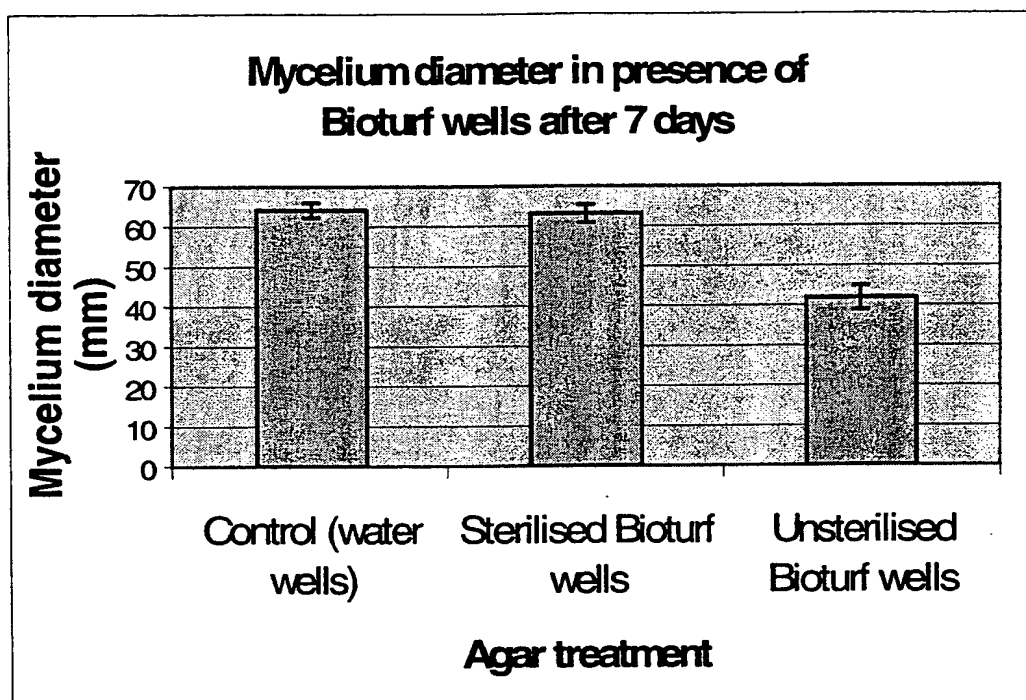
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*texture bars = statistically different to control

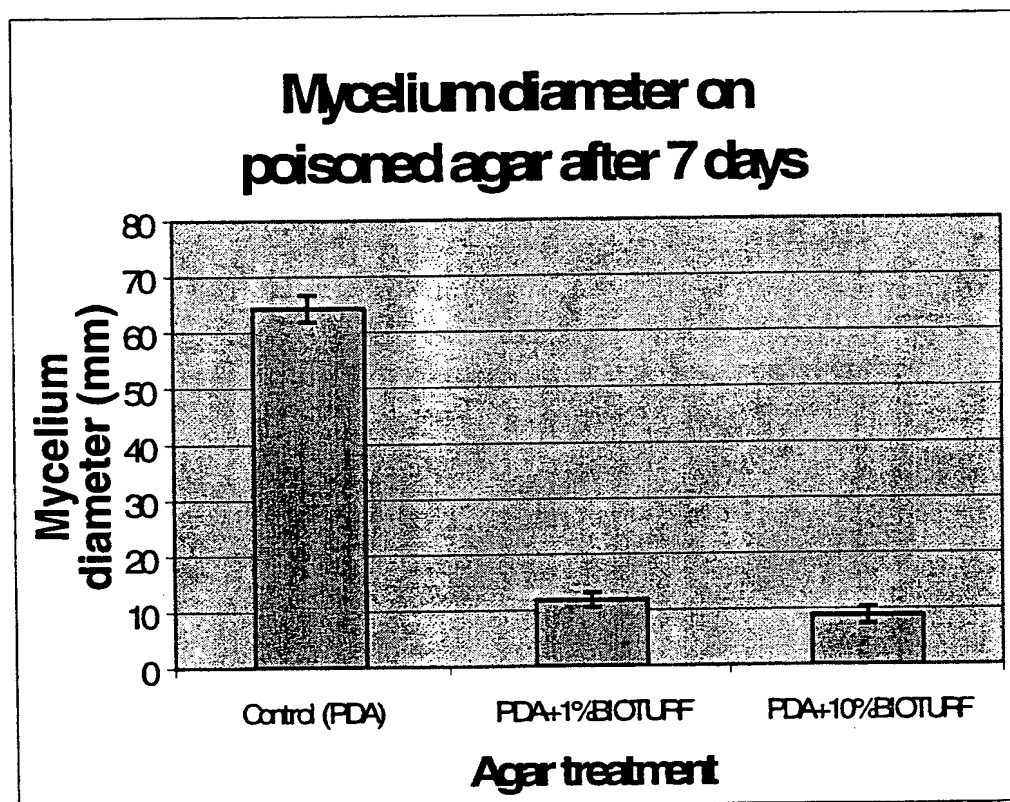
FIGURE 13

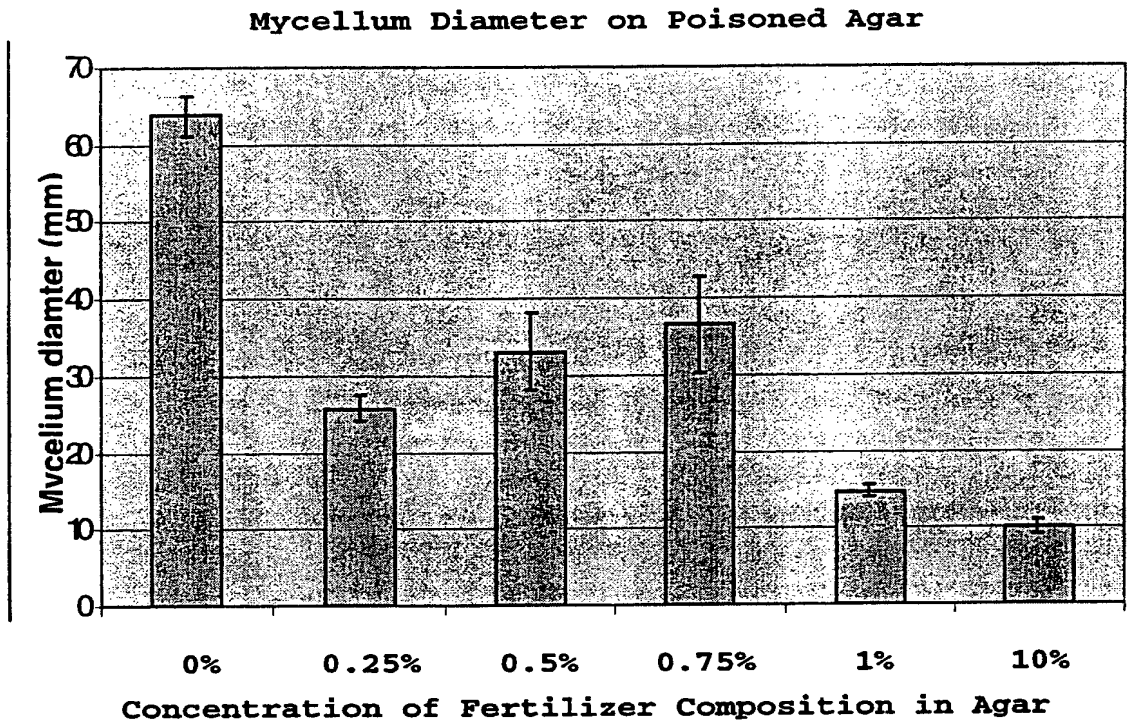
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**FIGURE 14**

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**FIGURE 15**

**FIGURE 16**